

REMARKS

Claims 1-11 are pending in the present application. Claims 12-19 have been withdrawn from consideration by correspondence filed May 15, 2006.

The Examiner has rejected claims 1-11 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 has been amended for clarity. In particular, it is specified that the transducer converts the "reflected energy pulses to a transmit electrical signal". Support for this amendment may be found in paragraphs [0020], [0021] and [0026]. Furthermore, claim 1 has been amended to clarify that the receiver and tuning module components act on the "transmit electrical signal".

Claim 8 has been amended for clarity such that plural control signals agree with the plural control signals in the claim (claim 7) on which claim 8 depends.

Claim 9 has been amended for clarity and to correct a lack of antecedent for "said variable reactance".

Claims 10 and 11 have been amended for clarity. In particular, the amendments specify that the tuning module acts upon the transmit electrical signal, which includes electrical pulses, rather than the transmit signal, which includes energy pulses.

CONCLUSION

For the reasons detailed above, it is respectfully submitted all claims remaining in the application (Claims 1-19) are now in condition for allowance, and early notice thereof is requested.

In the event the Examiner considers personal contact advantageous to the disposition of this case, he is authorized to call Patrick R. Roche, at telephone number 216.861.5582.

Application No. 10/825,471
Amendment dated August 24, 2006
Reply to Office Action of May 25, 2006

Although it is believed no fee is necessary, the Commissioner is hereby
authorized to charge any deficiency in fees to Deposit Account No. 06-0308.

Respectfully submitted,

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Date

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